

Zahnbuerste

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Toothbrush The invention a toothbrush concerns knew type, with that that Bristle body from another opposite straight or bent Bristle rows exists.

According to the invention is into that Bristle rows distributed Massing of Bristle tufts before seen. This Massing of Bristle tufts in by a space the separate another opposite straight odergebogenen Bristle rows @ support the remaining Bristle tuft when moving the toothbrush in the mouth off, leave to them however sufficient clearance, in order swinging and rotations and short Bewe gungen forwards and backwards to implement. Thereby a profound purification becomes effected tooth between vacates of all sides, so that out them each deposition of leftovers remote and pure, clean dentures achieved becomes.

Those Bristle bundle massing are into that Bristle rows in a distance from each other ange arranges, which corresponds to the tooth proportions. Ge gegebenenfalls can do thereby those Massing toward the brush center against each other projected arranged its.

Desired case can those Massing by particularly vigorous Bristle tufts formed become, which lie the support between them that Bristle tufts and thus of them ange above given special cleaning effect to the sequence have.

A particularly good Cleaning of the toothbrush according to the invention becomes possible, if that Bristle handle between .den Bristle rows with off is now towards provided.

In the drawing are various execution form a toothbrush in accordance with that , These show invention large ore shown starting from education all a view of the top of the Toothbrush handle, whereby the ordinary Boh is more recognizable rungen, into those those Bristle tuft used are.

Fig. i shows an embodiment tooth brushes in accordance with that Invention, with which straight bristles line provided up are; Abb.2 shows one Embodiment, with that opposite in each case Bristle bundle measure IE rungen against the brush center protrude, and Abb.3 shows an embodiment, with the several against those Brush center projected Bristle bundle massing vbTgesehen are.

Like out Fig. i comes out, is in the head 3 of the Toothbrush body i those Bristle tuft in two straight series arranged, whereby the bristles bundles on the brush side can be in arbitrary manner, for example inclined to each other, arranged. Like further out Fig. i comes out, is those Bristle tufts of the two parallel bristles line up in such a manner arranged - that in each case at the two ends of the two Bristle rows those Bristle tuft dense together in the form of Massing 5 at ordered are, whereby itself a same Massing 5 in the center that Bristle row finds. Between these Massing 5 located Bristle tuft from each other arranged are in the other distance. This arrangement that Massing 5 into that It has bristle rows to the sequence that between them the located Bristle tuft one ensure particularly intense purification, by exercising special painting and sweeping rotations with the edges on the teeth. Those Massing 5 are in such a distance from each other iri that Bristle rows distributed that their distance corresponds from each other for instance to the proportions of the natural Zahnabstan, so that a tooth in each case between those Massing to lie and when moving the toothbrush a particularly penetrating Rei comes nigung the tooth, also with incomplete or bridges exhibiting dentures, made.

With in Fig. 2 illustrated embodiment are those Massing 5 in such a manner formed that Boron star bundle the same approximately - the opposite located Massing protrude., so that thus

between in each case four Massing spaces formed become, those for example that rise up
Application of the brush to those Immen or Outside that Zeihn lines up make possible.

With in Fig. 2 illustrated embodiment is between two Massing one Bristle row in each case three
Pairs of bristle bundles mounted, wöh rend with the embodiment after Fig. i between that Bristle
bundle massing only two bristles of pairs of bundles lie. Those Fig. one leaves 3 , With that those
recognize embodiment Bristle tuft similar in Fig. 2 illustrated embodiment mounted is.

The three in the designs represented out are common guidance-form the fact that the bristles line
up at the front and rear end open is. Of course the bristles can however also in the manner
arranged become that the sheet at the end of the toothbrush is closed.

Those Bristle bundle massing can also in such a manner into that Bristle rows arranged its that
they do not face each other, but shifting to each other are.

With smaller toothbrushes, how they are for example certain for the use by children, the brush
part of the toothbrush becomes convenient short performed, and wise only four are with them
example Bristle bundle massing approximately over six, how it is with in the designs,
embodiments posed the case, which represent forwards nehmlich toothbrushes for adult ones.

As from the designs apparent is; are between that Bristle rows and that Measure IE rungen in that
Toothbrush body openings 7 liebiger form, which the discharge of the saliva and that Tooth
finery liquid. make possible. Those &. Ut, of particular importance, around remaining residues in
that To prevent bristle body. In accordance with the Erfindung' becomes bristle-free means part
formed.

The bristles, which for the preparation the tooth brushes in accordance with that Invention used
will, can of arbitrary materials consist, as naturally also the actual toothbrushes body from
arbitrary fabrics can be prepared.

B> OF CLAIMS; i. Toothbrush, of them Bristle body from another opposite straight or ge
bogenen It exists bristle rows, draws thus gekenn that into that Bristle rows distributed Mas they
run towards of Bristle tufts provided are. 2. Toothbrush according to claim i, thereby ge marks
that into that That stood for bristle rows of the starting from Massing from each other the tooth
proportions adapted is. 3. Toothbrush according to claim i and 2, da= by characterized that those
Massing into that Börstenreiheri against the brush center before mounted are jumping.

Toothbrush according to claim i to 3, there by characterized that those Massing by particularly vigorous Bristle tufts formed become. 5. Toothbrush according to claim i, thereby @ ge marks

that that Bristle body 'through bores is.

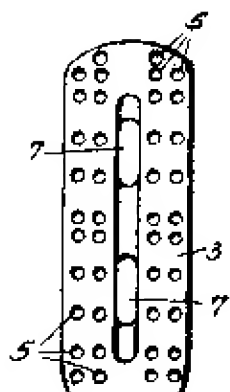


Abb. 1

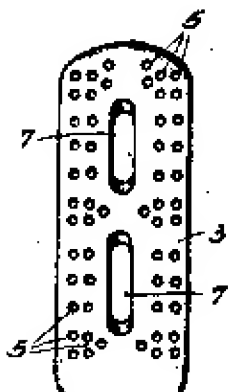


Abb. 2

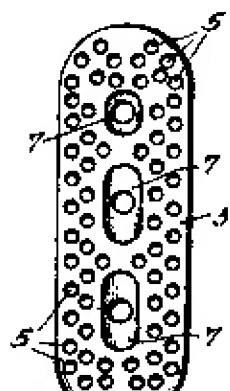


Abb. 3